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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/837,376	04/19/2001	Kuk Hyun Sunwoo	2336-064	7328

7590 12/31/2002

LOWE HAUPTMAN GOPSTEIN GILMAN & BERNER, LLP
Suite 310
1700 Diagonal Road
Alexandria, VA 22314

EXAMINER

BUDD, MARK OSBORNE

ART UNIT

PAPER NUMBER

2834

DATE MAILED: 12/31/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

837376

Applicant(s)

Sunwoo et al

Examiner

M. Budd

Group Art Unit

2834

*— The MAILING DATE of this communication appears on the cover sheet beneath the correspondence address —***Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, such period shall, by default, expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status Responsive to communication(s) on10/28/02 This action is FINAL. Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11; 453 O.G. 213.**Disposition of Claims** Claim(s)1 - 14

is/are pending in the application.

 Of the above claim(s)14

is/are withdrawn from consideration.

 Claim(s)1 - 14

is/are allowed.

 Claim(s)

is/are rejected.

 Claim(s)

is/are objected to.

 Claim(s)

are subject to restriction or election requirement

Application Papers The proposed drawing correction, filed on _____ is approved disapproved. The drawing(s) filed on _____ is/are objected to by the Examiner The specification is objected to by the Examiner. The oath or declaration is objected to by the Examiner.**Priority under 35 U.S.C. § 119 (a)-(d)** Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119 (a)-(d). All Some* None of the: Certified copies of the priority documents have been received. Certified copies of the priority documents have been received in Application No. _____. Copies of the certified copies of the priority documents have been received

in this national stage application from the International Bureau (PCT Rule 17.2(a))

*Certified copies not received: _____

Attachment(s) Information Disclosure Statement(s), PTO-1449, Paper No(s). _____ Interview Summary, PTO-413 Notice of Reference(s) Cited, PTO-892 Notice of Informal Patent Application, PTO-152 Notice of Draftsperson's Patent Drawing Review, PTO-948 Other _____**Office Action Summary**

Art Unit: 2834

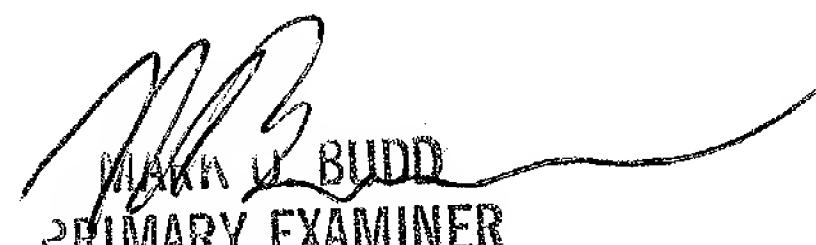
Claims 1-3 are allowed.

Applicant must cancel non-elected claim 14 or take other appropriate action.

Cited of interest regarding FBARs and their manufacture are Kurtz, Dydyk (378) and (256). Ruby (137) and (237), Mang, Kaitila and Ella.

M BUDD/pj

12/26/02


MARK L. BUDD
PRIMARY EXAMINER
ART UNIT 212